



SEQUENCE LISTING

<110> Stefan KAPPELER
Zakaria FARAH
Johannes Maarten van den BRINK
Henrik RAHBK-NIELSEN
Peter BUDTZ

<120> Method of producing non-bovine chymosin
and use hereof

<130> KAPPELER=1A

<140> US 09/985,936

<141> 2001-11-06

<150> US 09/705,917

<151> 2000-11-06

<160> 7

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for PCR amplification

<400> 1

cacgtggcgg agtgggatca ccaggatccc tctg

34

<210> 2

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer for PCR amplification

<400> 2

tctagaggat cagatggcct tggccagccc cacg

34

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<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide primer for oligonucleotide-based
mutagenesis

<400> 3

gcgacggtga ctgacacgtg gcgggcagaa ataac

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<210> 4
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 <212> DNA
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<220>
 <223> Oligonucleotide for oligonucleotide-based
 mutagenesis

<400> 4
 gttatttctg cccgccacgt gtcagtcacc gtcgc

35

<210> 5
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Chymosin hydrolyzes the peptide bond between
 nitrophenylalanine and Met.

<220>
 <221> VARIANT
 <222> (8)..(8)
 <223> Xaa = nitrophenylalanine

<400> 5
 His Pro His Pro His Leu Ser Xaa Met Ala Ile
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<210> 6
 <211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Chymosin hydrolyzes the peptide bond between
 nitrophenylalanine and Ile.

<220>
 <221> VARIANT
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 <223> Xaa = nitrophenylalanine

<400> 6
 Arg Pro Arg Pro Arg Pro Ser Xaa Ile Ala Ile
 1 5 10

<210> 7
 <211> 4
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> synthetic

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa is Ser or Thr

<400> 7
Asp Thr Gly Xaa
1